PARTS LIST

- 10 Portable system for analyzing human gait
- 12 foot
- 13 heel
- 14 ankle
- 15 sole of foot
- 16 forefoot
- 17 midfoot
- 18 rearfoot
- 19 lower shank
- 20 first detachable motion tracking unit
- 22 rearfoot motion collection and rate sensing unit (FMC)
- 24 second detachable motion tracking unit
- 26 lower shank motion collection and rate sensing unit (SMC)
- 30 plantar pressure collection unit
- 32 insole
- 34 pressure sensor(s) (FSR)
- 36 wire collection site
- 37 protected output wires
- 38 output pins
- 40 processing and display unit (CPU)
- 41 display unit casing
- 42 plurality of components
- 44 visual display
- 45 plantor pressure unit
- 46 gait line data
- 47 rearfoot motion angle
- 48 gait style identifier
- 49 shoe life evaluator
- 50 LCD
- 51 start
- 53 stop
- 55 elapsed time display
- 57 calibration unit
- 58 LED
- 59 buzzer
- 60 input/output ports
- 61 soft casing unit
- 62 detachable sole cover
- 63 detachable foot cover
- 64 detachable shank cover
- 65 releasable securement means.
- 72 PPC unit
- 80 micro-controller
- 81 power supply

- 82 central processing unit
- 83 common ground 84 device input controls & LCD output
- 85 accelerometer(s)
- 86 memory
- 87 rate sensor(s)
- 89 output lines
- 90 I/O unit
- 91 power supply 92 telemetry unit
- 93 common ground
- 95 accelerometer(s)
- 97 rate sensor(s)
- 99 output lines

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